CERCLA OFFSITE DISPOSAL REPORT ANCHOR METALS FINISHING SITE EMERGENCY AND RAPID RESPONSE SERVICES REGION 5

Prepared for:

U.S. Environmental Protection Agency Region 5 77 W. Jackson Boulevard Chicago, IL 60604

> EPA Contract No. EP-S5-08-02 Task Order No. 0059

> > Prepared by:

Environmental Quality Management, Inc. 1800 Carillon Boulevard Cincinnati, OH 45240

December 27, 2011

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1.0 INTRODUCTION AND OVERVIEW

This report was prepared by Environmental Quality Management, Inc. (EQ), in accordance with Section F.2.2.C of EQ's Emergency and Rapid Response Services Contract No. EP-S5-08-02. The report summarizes all off-site disposal activities for the following task order site:

Superfund Site Name:

Anchor Metals Finishing Site

State:

Illinois

CERCLIS Number:

ILD982623571

Section 2.0 is a compilation of site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities.

2.0 CERCLA OFF-SITE DISPOSAL REPORTS

This section contains site specific CERCLA Off-Site Disposal Reports for each waste stream that was identified, characterized, and disposed of at off-site treatment, storage, or disposal facilities. A total of seven (7) waste streams were identified as follows for the Anchor Metals Finishing site:

	<u>Waste Stream No.</u>	<u>Type/Form</u>
1.	Plating Solids	Non-Hazardous/Solid or Solidified Waste
2.	RCRA Empty Containers	Non-Hazardous/Solid or Solidified Waste
3.	Base Liquids	Other RCRA-listed Hazardous Wastes/ Liquid Waste
4.	Flammable Liquids	Solvents/Liquid Waste
5.	Muriatic Acid	Acids/Liquid Waste
6.	Oil	Solvents/Liquid Waste
7.	Base Solids	Non-Hazardous/Solid or Solidified Waste

Plating Solids

1.	Superfund Site Name: Anchor Metal Finishing	
	CERCLIS # ILD982623571 State: Illinoi:	8
2.	Type of Action	
	X Removal	Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
3.	Type and Form of waste; if more than one type, attach sep each type:	parate sheet for this and remaining questions for
	Type: Form	
	Solvents	Wastewater
	Dioxins/Furans	Liquid Waste
	Cyanide	Organic Sludge (greater than 1%
	Heavy Metals (Specify)	Total Solids)
		Inorganic Sludge (less
		than 1% Total
	Acids	Organic Carbon)
	PCBs	X Solid or Solidified Waste
	Halogenated Organics	Contaminated Soil and Debris
	Other RCRA-listed Hazardous Wastes (Spec	
	X Non-hazardous or de-listed Wastes	
4.	Quantity of Waste: 37	
	Cubic Yards(CY)	Lab Packs
	Gallons (Gal)	X Tons
	Drums	
5.	Range, average, and/or representative concentration of the Non-Hazardous Solids 100%	e contaminants of concern
	14011-11d2d1dods Solids 10070	
6.	Pre-treatment of waste before transportation:	
	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
		X None
7.	Receiving RCRA facility name/location/I.D. No./unit(s): WM-Countryside Landfill	

	Grayslake, Illinois Not Applicable	
8.	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC): Name: Will Damico	Date: <u>10-20-10</u>
10.	Date of Shipment 12-8-10, 1-6-11 & 1-20-11 Date of Disposal: 12-8-10, 1-6-11 & 1-20-11	ı
11.	Pre-treatment of waste at site before final treatment or Precipitation Solidification Stabilization	disposal: Neutralization Fixation Other X None
12.	Final method of treatment or disposal/unit receiving: Precipitation Incineration Land Treatment Recovery/Re-Use	Neutralization X Landfill Injection Other
13.	If waste was landfilled: - what disposal cell number or location? <u>Cell 5C</u>	
	- Type of liner in cell (e.g. PVC, Clay, hypalon) 3 foot 60 mil HDPE liner	of compacted clay with a
14.	Cost of Activities: - Cost based on treatment/disposal only: \$1,172.08 - Cost for transportation: \$1,310.59	

RCRA Empty Containers

1.	Superfund Site Name: Anchor Metal Finishing	
	CERCLIS # ILD982623571 State: Illino	nis
2.	Type of Action	
		Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
3.	Type and Form of waste; if more than one type, attach see each type:	eparate sheet for this and remaining questions for
	Type: For	m:
	Solvents	Wastewater
	Dioxins/Furans	Liquid Waste
	Cyanide	Organic Sludge (greater than 1%
	Heavy Metals (Specify)	Total Solids)
		Inorganic Sludge (less
	- The state of the	than 1% Total
	Acids	Organic Carbon)
	PCBs	X Solid or Solidified Waste
	Halogenated Organics	Contaminated Soil and Debris
	Other RCRA-listed Hazardous Wastes (Spe	
	X Non-hazardous or de-listed Wastes	
4,	Quantity of Waste: 6	
	Cubic Yards(CY)	Lab Packs
	Gallons (Gal)	X Tons
	Drums	_
5.	Range, average, and/or representative concentration of the	ne contaminants of concern
	RCRA Empty Containers 100%	
6.	Pre-treatment of waste before transportation:	
0.	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
	Stabilization	None
7.	Receiving RCRA facility name/location/I.D. No./unit(s):	
	WM-Countryside Landfill	

Grayslake, Illinois Not Applicable	
Receiving Region: 5	
Receiving Region Offsite Contact (RROC):	
Name: Will Damico	Date: <u>10-20-10</u>
Date of Shipment 1-5-11 & 1-21-11	Date of Disposal: 1-5-11 & 1-21-11
Pre-treatment of waste at site before final tre	eatment or disposal:
Precipitation	Neutralization
Solidification	Fixation
Stabilization	Other
	X None
Final method of treatment or disposal/unit re	eceiving:
Precipitation	Neutralization
Incineration	X Landfill
Land Treatment	Injection
Recovery/Re-Use	Other
If waste was landfilled:	
- what disposal cell number or location?	Cell 5 C
- Type of liner in cell (e.g. PVC, Clay, hypal 60 mil HDPE liner	on) 3 toot of compacted clay with a
Cost of Activities:	,
- Cost based on treatment/disposal only: \$35	<u>57.98</u>
- Cost for transportation: \$700.00	

Base Liquids

1.	Superfund Site Name: Anchor Metal Finishing		
	CERCLIS # ILD982623571 State: Illinoi	<u>S</u>	
2.	Type of Action		
	X Removal	Remedial	
	X Fund Financed	Fund Financed	
	PRP Financed	PRP Financed	
3.	Type and Form of waste; if more than one type, attach ser each type:	parate sheet for this and remaining questions for	
	Type: Form	1:	
	Solvents	Wastewater	
	Dioxins/Furans	X Liquid Waste	
	Cyanide	Organic Sludge (greater than 1%	
	Heavy Metals (Specify)	Total Solids)	
		Inorganic Sludge (less	
	***************************************	than 1% Total	
	Acids	Organic Carbon)	
	PCBs	Solid or Solidified Waste	
	Halogenated Organics	Contaminated Soil and Debris	
	X Other RCRA-listed Hazardous Wastes (Spe-Base	· · · · ·	
	Non-hazardous or de-listed Wastes		
4.	Quantity of Waste: 3,500		
	Cubic Yards(CY)	Lab Packs	
	X Gallons (Gal)	Tons/Lbs	
	Drums		
5.	Range, average, and/or representative concentration of the	e contaminants of concern	
	pH >12.5		
6.	Pre-treatment of waste before transportation:		
	Precipitation	Neutralization	
	Solidification	Fixation	
	Stabilization	Other	
		X None	
7.	Receiving RCRA facility name/location/I.D. No./unit(s):		

	EQ Illinois		·
	Harvey, Illinois		
	II D000(((00)		
8.	Receiving Region: 5		
0,	Receiving Region. 5		
9.	Receiving Region Offsite Contact (RROC):		
	Name: Will Damico	Date:	1-5-11
			•
10.	Date of Shipment 1-18-11		Date of Disposal: 1-19-11
11	Duratura de Control de La la Control de La C	1.	.1.
11.	Pre-treatment of waste at site before final treatment of	or aisp	
	Precipitation		X Neutralization
	Solidification		Fixation
	Stabilization		Other
			None
12.	Final method of treatment or disposal/unit receiving	,	
	X Precipitation		Neutralization
	Incineration		Landfill
	Land Treatment		Injection
	Recovery/Re-Use		Other
13.	If waste was landfilled:		
	- what disposal cell number or location? Not Appl	<u>icable</u>	
			19314445
	- Type of liner in cell (e.g. PVC, Clay, hypalon) Not.	Annli	coble
	- 1 ypc of finer in con (c.g. 1 v c, clay, hypaton) 1401	Whhm	cable
	Andrew Market Ma		
14.	Cost of Activities:		
	- Cost based on treatment/disposal only: \$3,500.00		
	- Cost for transportation: \$1,408.25		
	tot manuformanion Attioning		

Flammable Liquids

1.	Superfund Site Name: Anchor Metal Finishin	g
	CERCLIS # <u>ILD982623571</u>	State: <u>Illinois</u>
2.	Type of Action	
	X Removal	Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
3.	Type and Form of waste; if more than one typ each type:	e, attach separate sheet for this and remaining questions for
	Type:	Form:
	X Solvents	Wastewater
	Dioxins/Furans	X Liquid Waste
	Cyanide	Organic Sludge (greater than 1%
	Heavy Metals (Specify)	Total Solids)
		Inorganic Sludge (less
		than 1% Total
	Acids	Organic Carbon)
	PCBs	Solid or Solidified Waste
	Halogenated Organics	Contaminated Soil and Debris
	Other RCRA-listed Hazardous W	
	Non-hazardous or de-listed Waste	s ·
4.	Quantity of Waste: 10	
	Cubic Yards(CY)	Lab Packs
	Gallons (Gal)	Tons/Lbs
	<u>X</u> Drums	
5.	Range, average, and/or representative concent <u>Flash Point <140°F</u>	ration of the contaminants of concern
6.	Pre-treatment of waste before transportation:	
	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
	PROFESIONA	X None
7.	Receiving RCRA facility name/location/I.D. 1	No./unit(s):

	MID980615298	
8.	Receiving Region: 5	
Λ	Description Description Official Control (DDOC)	
9.	Receiving Region Offsite Contact (RROC):	Data: 1 5 11
	Name: Will Damico	Date: <u>1-5-11</u>
10.	Date of Shipment 1-24-11	Date of Disposal: 2-23-11
1 1	De America de Como de Status Como Contractor de La	-1.
11.	Pre-treatment of waste at site before final treatment or di	•
	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
		X None
12.	Final method of treatment or disposal/unit receiving:	
	Precipitation	Neutralization
	Incineration	Landfill
	Land Treatment	Injection
	Recovery/Re-Use	X Other- Fuels Blending
13.	If waste was landfilled:	
	- what disposal cell number or location? Not Applicable	
	m of the state of	
	- Type of liner in cell (e.g. PVC, Clay, hypalon) Not App	licable
14.	Cost of Activities:	
	- Cost based on treatment/disposal only: \$445.80	
	- Cost for transportation: \$131.40	
	· · · · · · · · · · · · · · · · · · ·	

Muriatic Acid

1.	Superfund Site Name: Anchor Metal Finishing	
	CERCLIS # ILD982623571 State: Ill	nois
2.	Type of Action	
	X Removal	Remedial
	X Fund Financed	Fund Financed
	PRP Financed	PRP Financed
3.	Type and Form of waste; if more than one type, attacheach type:	separate sheet for this and remaining questions for
	Type: F	orm:
	Solvents	Wastewater
	Dioxins/Furans	X Liquid Waste
	Cyanide	Organic Sludge (greater than 1%
	— Heavy Metals (Specify)	Total Solids)
		Inorganic Sludge (less
	Calling designated and the control of the control o	than 1% Total
	X Acids	Organic Carbon)
	PCBs	Solid or Solidified Waste
	Halogenated Organics	Contaminated Soil and Debris
	Other RCRA-listed Hazardous Wastes (S	
	Non-hazardous or de-listed Wastes	
4.	Quantity of Waste: 2	
	Cubic Yards(CY)	Lab Packs
	Gallons (Gal)	Tons/Lbs
	<u>X</u> Drums	
5.	Range, average, and/or representative concentration of pH <2	f the contaminants of concern
6.	Pre-treatment of waste before transportation:	
	Precipitation	Neutralization
	Solidification	Fixation
	Stabilization	Other
		X None
7.	Receiving RCRA facility name/location/I,D, No./unit	(s):

	Petro-Chem Processing Group	
	Detroit, Michigan	
	MID980615298	
n	n. d. t. n. d c	
8.	Receiving Region: 5	
9.	Receiving Region Offsite Contact (RROC):	
	Name: Will Damico	Date: <u>1-5-11</u>
	•	
10.	Date of Shipment 1-24-11	Date of Disposal: 2-9-11
11.	Due tweeter out of recent at aits before final tweeter out on d	Han analy
11.	Pre-treatment of waste at site before final treatment or d Precipitation	nsposarX Neutralization
	Solidification	Fixation
	Solidification	Other
	Staumzation	None
12.	Final mathod of treatment or disposal/unit receiving	Notic
12.	Final method of treatment or disposal/unit receiving:	Nontualization
	X Precipitation	Neutralization
	Incineration	Landfill
	Land Treatment	Injection
	Recovery/Re-Use	Other
13.	If waste was landfilled:	
	- what disposal cell number or location? Not Applicate	ble
	- Type of liner in cell (e.g. PVC, Clay, hypalon) Not Ap	plicable
		
14.	Cost of Activities:	
- ••	- Cost based on treatment/disposal only: \$259.16	
	- Cost for transportation: \$26.28	
	Coot to thirtpointion <u>provide</u>	

<u>Oil</u>

1.	Superfund Site Name: Anchor Metal Finishing		
	CERCLIS # <u>ILD982623571</u> S	tate: <u>Illinois</u>	
2.	Type of Action		
	X Removal	Remedial	
	X Fund Financed	Fund Financed	
	PRP Financed	PRP Financed	
3.	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:		
	Туре:	Form:	
	X Solvents	Wastewater	
	Dioxins/Furans	X Liquid Waste	
	Cyanide	Organic Sludge (greater than 1%	
	Heavy Metals (Specify)	Total Solids)	
		Inorganic Sludge (less	
	<u>, , , , , , , , , , , , , , , , , , , </u>	than 1% Total	
	Acids	Organic Carbon)	
	PCBs	Solid or Solidified Waste	
	Halogenated Organics	Contaminated Soil and Debris	
	Other RCRA-listed Hazardous Wastes (Specify)		
	Non-hazardous or de-listed Wastes	3	
4.	Quantity of Waste: 6		
	Cubic Yards(CY)	Lab Packs	
	Gallons (Gal)	Tons/Lbs	
	<u>X</u> Drums		
5.	Range, average, and/or representative concentration of the contaminants of concern Oil 75%		
6.	Pre-treatment of waste before transportation:		
	Precipitation	Neutralization	
	Solidification	Fixation	
	Stabilization	Other	
		X None	
7.	Receiving RCRA facility name/location/I.D. N	No./unit(s):	

	Petro-Chem Processing G	roup		
	Detroit, Michigan			
	MID980615298			
_				
8.	Receiving Region: 5			
9.	Receiving Region Offsite Contact (RROC)	,		
<i>)</i> .	Name: Will Damico	Date: 1-5-11		
	rame. win Dameo	Date. <u>1-5-11</u>		
10.	Date of Shipment 1-24-11	Date of Disposal: 2-23-11		
	2 w 1 2 mp. m. 1 2 mp. 1 2 mp. m.	Bww of Bisposus <u>Bury xx</u>		
11.	Pre-treatment of waste at site before final treatment or disposal:			
	Precipitation	Neutralization		
	Solidification	Fixation		
	Stabilization	Other		
		X None		
12.	Final method of treatment or disposal/unit receiving:			
	Precipitation	Neutralization		
	Incineration	 Landfill		
	Land Treatment	Injection		
	X Recovery/Re-Use	Other		
	_ ,			
13.	If waste was landfilled:			
	- what disposal cell number or location? Not Applicable			
•••				
	- Type of liner in cell (e.g. PVC, Clay, hypalon) Not Applicable			
14.	Cost of Activities:			

- Cost based on treatment/disposal only: \$311.16
 Cost for transportation: \$78.84

Base Solids

1.	Superfund Site Name: Anchor Metal Finishing			
	-	ate: Illinois		
2.	Type of Action X Removal X Fund Financed PRP Financed	Remedial Fund Financed PRP Financed		
3.	Type and Form of waste; if more than one type, attach separate sheet for this and remaining questions for each type:			
	Type: Solvents Dioxins/Furans Cyanide Heavy Metals (Specify) Acids PCBs Halogenated Organics Other RCRA-listed Hazardous Wa			
4.	Quantity of Waste: 17 Cubic Yards(CY) Gallons (Gal) Drums	Lab Packs Tons/Lbs		
5.	Range, average, and/or representative concentration pH >12.5	ation of the contaminants of concern		
6.	Pre-treatment of waste before transportation: Precipitation Solidification Stabilization	Neutralization Fixation Other _X None		

Receiving RCRA facility name/location/I.D. No./unit(s):

7.

	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
Detroit, Michigan MID980615298			
Receiving Region: 5			
Receiving Region Offsite Contact (RROC):			
Name: Will Damico	Date: <u>1-5-11</u>		
Date of Shipment 1-24-11	Date of Disposal: 2-10-11		
Pre-treatment of waste at site before final treatment or disposal:			
Precipitation	X Neutralization		
Solidification	Fixation		
Stabilization	Other		
Final method of treatment or disposal/unit receiving:	None		
Precipitation	Neutralization		
Incineration	X Landfill		
Land Treatment	Injection		
Recovery/Re-Use	Other		
If waste was landfilled:			
- what disposal cell number or location? <u>Subtitle D</u>			
Type of liner in cell (e.g. PVC, Clay, hypalon <u>) 3 foot o</u> 60 mil HDPE liner	of compacted clay with a		
Cost of Activities:			
- Cost based on treatment/disposal only: \$693.60			
- Cost for transportation: \$223.38			